

RAW SEQUENCE LISTING

**The Biotechnology Systems Branch of the Scientific and Technical
Information Center (STIC) no errors detected.**

Application Serial Number: 10/543,046
Source: PCT
Date Processed by STIC: 08/02/2005

ENTERED



PCT

RAW SEQUENCE LISTING

DATE: 08/02/2005

PATENT APPLICATION: US/10/543,046

TIME: 15:02:25

Input Set : A:\PU48040-C SEQ LIST.TXT

Output Set: N:\CRF4\08022005\J543046.raw

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4 <110> APPLICANT: SmithKline Beecham Corporation
6 <120> TITLE OF INVENTION: ErbB4 Co-Crystal
9 <130> FILE REFERENCE: PU4804WO
C--> 11 <140> CURRENT APPLICATION NUMBER: US/10/543,046
C--> 11 <141> CURRENT FILING DATE: 2005-07-21
11 <150> PRIOR APPLICATION NUMBER: 60/441,443
12 <151> PRIOR FILING DATE: 2003-01-21
14 <160> NUMBER OF SEQ ID NOS: 2
16 <170> SOFTWARE: FastSEQ for Windows Version 4.0
18 <210> SEQ ID NO: 1
19 <211> LENGTH: 364
20 <212> TYPE: PRT
21 <213> ORGANISM: homo sapien
23 <400> SEQUENCE: 1
24 Met Lys Lys Gly His His His His His His Gly Leu Glu Thr Glu Leu
25 1 5 10 15
26 Val Glu Pro Leu Thr Pro Ser Gly Thr Ala Pro Asn Gln Ala Gln Leu
27 20 25 30
28 Arg Ile Leu Lys Glu Thr Glu Leu Lys Arg Val Lys Val Leu Gly Ser
29 35 40 45
30 Gly Ala Phe Gly Thr Val Tyr Lys Gly Ile Trp Val Pro Glu Gly Glu
31 50 55 60
32 Thr Val Lys Ile Pro Val Ala Ile Lys Ile Leu Asn Glu Thr Thr Gly
33 65 70 75 80
34 Pro Lys Ala Asn Val Glu Phe Met Asp Glu Ala Leu Ile Met Ala Ser
35 85 90 95
36 Met Asp His Pro His Leu Val Arg Leu Leu Gly Val Cys Leu Ser Pro
37 100 105 110
38 Thr Ile Gln Leu Val Thr Gln Leu Met Pro His Gly Cys Leu Leu Glu
39 115 120 125
40 Tyr Val His Glu His Lys Asp Asn Ile Gly Ser Gln Leu Leu Leu Asn
41 130 135 140
42 Trp Cys Val Gln Ile Ala Lys Gly Met Met Tyr Leu Glu Glu Arg Arg
43 145 150 155 160
44 Leu Val His Arg Asp Leu Ala Ala Arg Asn Val Leu Val Lys Ser Pro
45 165 170 175
46 Asn His Val Lys Ile Thr Asp Phe Gly Leu Ala Arg Leu Leu Glu Gly
47 180 185 190
48 Asp Glu Lys Glu Tyr Asn Ala Asp Gly Gly Lys Met Pro Ile Lys Trp
49 195 200 205
50 Met Ala Leu Glu Cys Ile His Tyr Arg Lys Phe Thr His Gln Ser Asp
51 210 215 220
52 Val Trp Ser Tyr Gly Val Thr Ile Trp Glu Leu Met Thr Phe Gly Gly

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53 225                230                235                240
54 Lys Pro Tyr Asp Gly Ile Pro Thr Arg Glu Ile Pro Asp Leu Leu Glu
55                245                250                255
56 Lys Gly Glu Arg Leu Pro Gln Pro Pro Ile Cys Thr Ile Asp Val Tyr
57                260                265                270
58 Met Val Met Val Lys Cys Trp Met Ile Asp Ala Asp Ser Arg Pro Lys
59                275                280                285
60 Phe Lys Glu Leu Ala Ala Glu Phe Ser Arg Met Ala Arg Asp Pro Gln
61                290                295                300
62 Arg Tyr Leu Val Ile Gln Gly Asp Asp Arg Met Lys Leu Pro Ser Pro
63 305                310                315                320
64 Asn Asp Ser Lys Phe Phe Gln Asn Leu Leu Asp Glu Glu Asp Leu Glu
65                325                330                335
66 Asp Met Met Asp Ala Glu Glu Tyr Leu Val Pro Gln Ala Phe Asn Ile
67                340                345                350
68 Pro Pro Pro Ile Tyr Thr Ser Arg Ala Arg Ile Asp
69                355                360
72 <210> SEQ ID NO: 2
73 <211> LENGTH: 966
74 <212> TYPE: DNA
75 <213> ORGANISM: homo sapien
77 <400> SEQUENCE: 2
78 atgaaaaaag gtcacatcatca tcatcatcat gggtttggaaa cagagttggt ggaaccatta 60
79 actccagtg gcacagcacc caatcaagct caacttcgta ttttgaaaga aactgagctg 120
80 aagagggttaa aagtccttgg ctcaggtgct tttggaacgg tttataaagg tatttgggta 180
81 cctgaaggag aaactgtgaa gattcctgtg gctattaaga ttcttaatga gacaactgg 240
82 cccaaggcaa atgtggagtt catggatgaa gctctgatca tggcaagtat ggatcatcca 300
83 cacctagtcc ggttgctggg tgtgtgtctg agcccaacca tccagctggt tactcaactt 360
84 atgccccatg gctgcctgtt ggagtatgtc cagcagcaca aggataacat tggatcacia 420
85 ctgctgctta actggtgtgt ccagatagct aagggaatga tgtacctgga agaaagacga 480
86 ctggttcacg gggatttggc agcccgtaat gtcttagtga aatctccaaa ccatgtgaaa 540
87 atcacagatt ttgggctagc cagactcttg gaaggagatg aaaaagagta caatgctgat 600
88 ggaggaaaga tgccaattaa atggatggct ctggagtgtg tacattacag gaaattcacc 660
89 catcagagtg acgtttggag ctatggagtt actatatggg aactgatgac ctttggagga 720
90 aaaccctatg atggaattcc aacgcgagaa atccctgatt tattagagaa aggagaacgt 780
91 ttgcctcagc ctcccatctg cactattgac gtttacatgg tcatggtcaa atgttggatg 840
92 attgatgctg acagtagacc taaatttaag gaactggctg ctgagttttc aaggatggct 900
93 cgagaccctc aaagatacct agttattcag ggtgatgatc gtatgaagct tcccagtcca 960
94 aattga

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VERIFICATION SUMMARY

PATENT APPLICATION: US/10/543,046

DATE: 08/02/2005

TIME: 15:02:26

Input Set : A:\PU48040-C SEQ LIST.TXT

Output Set: N:\CRF4\08022005\J543046.raw

L:11 M:270 C: Current Application Number differs, Replaced Current Application No

L:11 M:271 C: Current Filing Date differs, Replaced Current Filing Date